PLACERVILLE AIRPORT

PLACERVILLE, CALIFORNIA

R/W LIGHTING REHABILITATION (PHASE II)

LIGHTING, DUCT & WIRING PLAN

E7890.000 TO E9300.000

NO.	REVISIONS	BY	APR	DATE

ENGINEER OF RECORD

REGISTERED ELECTRICAL ENGINEER
REINARD W. BRANDLEY
No. C 8844
Exp. 6-30-2008
CIVIL
STATE OF CALIFORNIA

Reinard W. Brandley
CONSULTING AIRPORT ENGINEER
6125 King Road, Suite 201 • Loomis, California 95650–8004 • (916) 652–4725

DESIGN BY:	RWB
DRAWN BY:	MSB
CHK'D BY:	RWB
DATE:	JUNE 29, 2006
CONTRACT No:	-
PROJECT NO:	-
DWG FILE:	-
DRAWING SCALE:	1"=50'
SHEET NUMBER	5 OF 11 SHEETS

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY
0 1"

GRID NORTH

NOTES:
1. BORE UNDER EXIST. T/W & INSTALL NEW 1W–3" TYPE I DUCT & INSTALL NEW L867 SIZE E HANDHOLE 13' FROM EDGE OF TAXIWAY. ADJUST LOCATION OF HANDHOLES & DUCT TO AVOID T/W LIGHT BY 5' MIN.
2. INSTALL NEW 100W TRANSFORMER FOR ALL EXISTING SIGNS.
3. INTERCEPT R/W CIRCUIT CABLE AT EXISTING LIGHT, CONNECT NEW CABLE TO EXISTING CABLE.
4. ATTACH NEW DUCT TO EXISTING STUB FROM EXISTING LIGHT

MATCH LINE E9300.000 SEE SHEET NO. 7

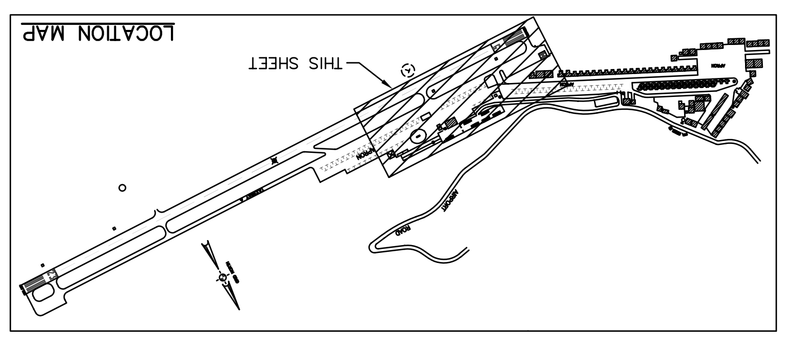
WIRING PLAN

NEW SEGMENTED CIRCLE & WIND CONE CIRCUIT HOMERUN
NEW R/W CIRCUIT
EXIST. R/W CIRCUIT
SEE NOTE 3
NEW R/W CIRCUIT
EXIST. R/W CIRCUIT
EXIST. VASI TO REMAIN
NEW R/W CIRCUIT
EXIST. R/W CIRCUIT
EXIST. R/W CIRCUIT
RUNWAY 5–23
NEW SEGMENTED CIRCLE & WIND CONE CIRCUIT HOMERUN
NEW R/W CIRCUIT
EXISTING HAND HOLE
EXIST. VASI TO REMAIN
SEE NOTE 3
NEW R/W CIRCUIT
NEW R/W CIRCUIT HOME RUN
TAXIWAY A
NEW SEGMENTED CIRCLE & WIND CONE CIRCUIT HOME RUN
2 EXISTING T/W CABLES TO REMAIN

DUCT PLAN

EXTEND EXIST. 2W–4" TYPE I DUCT TO 13' FROM EDGE OF PAVEMENT & INSTALL NEW L867 SIZE E HANDHOLES. ADJUST LOCATION OF HANDHOLES & DUCT EXTENSION TO AVOID T/W LIGHT BY 2' MIN.
NEW 1W–2" TYPE II DUCT
EXISTING THRESHOLD LIGHTS
EXIST. 1W–2" TYPE II DUCT
SEE NOTE 4
197.69' TYP.
EXIST. 1W–2" TYPE II DUCT
EXISTING THRESHOLD LIGHTS
E9035.712
E8840.750
E8643.070
E8445.380
E8247.690
E8050.000
E7892.000
E9230.664
194.95' TYP.
197.69'
EXIST. CABLE MARKERS
NEW 1W–2" TYPE II DUCT
37.50'
46.00'
37.50'
46.00'
RUNWAY 5–23
EXISTING 2W–4" TYPE I DUCT
EXIST. CABLE MARKERS
SEE NOTE 2
EXISTING HAND HOLE
EXIST. VASI TO REMAIN
NEW 1W–2" TYPE II DUCT
EXIST. VASI TO REMAIN
SEE NOTE 4
SEE NOTE 2
NEW. 1W–2" TYPE II DUCT
SEE NOTE 1
EXISTING 2W–4" TYPE I DUCT
SEE NOTE 1
SEE NOTE 4
TAXIWAY A

LOCATION MAP



LEGEND

AIRPORT GRID COORDINATE	N976.419 E878.965
EXISTING EDGE OF PAVEMENT	
EXISTING DUCT	
NEW 2W–3" TYPE I DUCT	
NEW 1W–2" TYPE II DUCT	
EXISTING WIRE	
NEW R/W OR PAPI CIRCUIT CABLE	
NEW ELEVATED R/W EDGE LIGHT	
R/W EDGE LIGHT LENS COLOR CODE	R/R
EXISTING LIGHT TO REMAIN	
EXISTING ELEVATED R/W THRESHOLD LIGHT TO REMAIN	
EXISTING CABLE MARKER TO BE ABANDONED	
EXISTING HANDHOLE TO REMAIN	
NEW L867 SIZE E HANDHOLE	
EXISTING VASI	
EXISTING SIGN TO REMAIN	

LENS COLOR LEGEND
R – RED
G – GREEN
Y – YELLOW
W – WHITE